

## Red Deer Overhead Crane Safety Training

Red Deer Overhead Crane Safety Training - Overhead crane safety training equips operators with knowledge and skills regarding crane safety precautions, materials handling, accident avoidance, and machine and stock protection. Trainees would learn the types of overhead cranes, their capabilities and their uses in different industry settings. For operators who are licensed and trained, the shift in liability moves from the company to the operator. Hence, the course emphasizes individual operator responsibilities.

The operators in the overhead safety training course would be given instruction on the proper methods for performing inspections: the pre-shift inspection and the more detailed in-depth inspection. These are critical every day routines which must be logged. Properly recorded pre-shift checks help to protect the company from liability in the event of an accident. Pre-shift checks also prevent accidents, damage and costly repairs. Operators learn how to designate a specific individual to perform inspections, how to report problems, and how to maintain the log book.

Inspections must be carried out often and documented correctly. The following must be inspected while watching for usual problems: hooks for cracks, increases in the throat opening, degree of twist; hoist ropes for corrosion, worn wires, loss of diameter, bird caging and kinks, broken wires, chains for nicks and gouges, chemical and heat damage, corrosion and cracks, twists, excessive wear, distortion, pits, stretching, damage from extreme heat.

Operators learn proper rigging procedures in this program. Rigging involves understanding the manufacturer's data plate, determining the weight of materials to be lifted, selecting the gear, and utilizing safe practices to secure the load. The course covers in detail the following: safe working loads, and the capacities of ropes, chains, hooks, shackles and slings.

It is essential to know who can utilize the cranes at your facility, the job's physical requirements, and operator qualifications needed for permits and specialized jobs. Safety is a top priority when utilizing near pedestrian traffic.

Safe crane utilization consists of duties like undertaking visual inspections, checking for hydraulic leaks, checking the safety guards, testing the controls, examining the hook and hoist rope, braking mechanisms and limit switches. Right reporting procedures are critical. These topics are all covered in depth in the program.

Proper moving and lifting procedures with cranes and hoists are included in the program. Operators would become competent in hand signals. Training includes how to attach the load, raise the load, set the load, unhook the slings and abort a lift.

Moving the load involves a few steps: starting and stopping procedures, guiding and controlling the load, working with signals and observing working conditions. Operators need to know how to proceed in case of a power failure. The course covers techniques for removing the slings and lowering the load, storage of equipment, parking the crane, and securing an indoor and outdoor crane.